MWH

October 11, 2006

Mr. Kevin Adler, RPM
U.S. Environmental Protection Agency
Region V
Mail Code SR-J6
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Re: 2006 Annual Residential Well Sampling Results
American Chemical Service NPL Site, Griffith, Indiana

Dear Kevin:

On September 19th and 20th, 2006, MWH collected groundwater samples from the following residential wells in accordance with the schedule set forth in the Long Term Groundwater Monitoring Plan. Residential wells were sampled for the full-scan Target Compound List and Target Analyte List parameters:

Well Identifier	Street Address
PW-A	1007 Reder Road
PW-B	1009 Reder Road
PW-C	1029 Reder Road
PW-D	1033 Reder Road
PW-Y	1002 Reder Road

The samples were submitted to Compuchem Laboratories of Cary, North Carolina for analyses. As we have done in the past, we requested expedited reporting from the laboratory for the analyses at the residential wells. Upon receipt, the data package was forwarded to Laboratory Data Consultants (LDC), of Carlsbad, California for data validation. The validated laboratory package and Precision, Accuracy, Representativeness, Comparability, Completion (PARCC) Summary Report for these samples is included as the attachments to this letter.

The results indicate that samples collected from these five wells do not exceed any U.S. Environmental Protection Agency (U.S. EPA) Maximum Contaminant Levels (MCLs) for detected compounds.

Methylene chloride and/or toluene were reported in volatile organic compound (VOC) samples collected from all five residential wells. Methylene chloride and toluene were also detected in associated blank (laboratory method blank, trip blank, and equipment blank) samples for this laboratory sample data group. Therefore, LDC has modified the results for these concentrations as not detected at the method-reporting limit. Acetone was detected in one sample collected from PW-B at 2.5 micrograms per liter (µg/l). Acetone is a common laboratory artifact and is not likely representative of groundwater collected from this well.

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In accordance with the LTGMP samples were also collected from PW-Y, located at 1002 Reder Road. The VOC results for this sample reported concentrations of bromochlomethane (0.49J µg/l), chloroform (6.8 µg/l), bromodichloromethane (6.9 µg/l) and dibromochloromethane in addition to methylene chloride. These compounds are common compounds detected in water that has been chlorinated. This home was connected to City of Griffith Public Drinking Water in 2004 and the sample collected was chlorinated city water and not groundwater from the lower aquifer. No semi-volatile organic compounds (SVOCs) were detected in the sample collected from this location. However, LDC rejected many of the non-detected compounds within this analysis due to low surrogate recovery. This home is now on City Water and therefore does not warrant re-sampling for SVOCs. In future residential sampling events PW-T (1043 Reder Road) will be proposed to replace PW-Y in the residences selected for private well sampling.

No SVOCs, chlorinated pesticides and/or polychlorinated biphenyls were detected in samples collected from these homes. No metals detected exceeded U.S. EPA MCLs. Cyanide was not detected in any of the samples.

Sincerely,

MWH Americas, Inc.

Peter J. Vagt, Ph.D., CPG
Vice President

Attachments:

2006 Validated Residential Analytical Results (Sample Data Group 10999)
Precision, Accuracy, Representativeness, Comparability, Completion (PARCC) Summary Report for the ACS Residential Project, LDC, October 2006

Cover letter only is being carbon copied to the following recipients. The data packets will be provided as part of the 3rd Quarter Groundwater Monitoring Report at a future date.

cc: Larry Campbell, B&V
P. Kasarabada, IDEM
Barbara Magel, KW&M, Ltd.

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